

PUBLIC ABSTRACT

Applicant (primary) name: Phoenix Materials Company

Applicant's address: 40 Pearl Street Suite 838 Grand Rapids MI 49503
Street City State Zip code

Team Members (if any):

(listing represents only participants at time of application, not necessarily final team membership)

Proposal Title: Phoenix Materials Company

Commercial Application: X New Facilities Existing Facilities

Other, Specify:

Technology Type: Environmental Performance

Estimated total cost of project: \$11,000,779.00

(May not represent final negotiated costs.)

Total Estimated Cost: \$ \$11,000,779.00

Estimated DOE Share: \$ \$5,250,779.00

Estimated Private Share: \$ \$5,750,000.00

Phoenix Materials Company

July 26, 2002

PUBLIC ABSTRACT (cont'd)

Anticipated Project Site(s): West Olive, Ottawa County MI 49460
Location (city, county, etc.) State Zip code

Type of coal to be used: Fly ash (CCP)

Size or scale of project: N/A
Tons of coal/day input

And/or

353 tons/day of fly ash
Other (if necessary)

Duration of proposed project: Indefinite
(From date of award) (Months)

PRIMARY CONTACT:

For additional information,
interested parties should contact:

Philip Blanchard

Name

President

Position

(616) 742-5560
Telephone Number

Phoenix Materials Company
Company

40 Pearl Street Suite 838
Address

Grand Rapids MI 49503
City State Zip code

PUBLIC ABSTRACT (cont'd)

Brief description of project:

Phoenix Materials Company has been formed to build and operate several concrete production facilities with the first to be located in West Michigan. The plant will commercialize an innovative technology that requires low capital costs and results in a product that not only offers performance advantages to traditional concrete, but also a cost advantage relative to other construction materials. In addition, the technology used in the production process aims to help alleviate an environmental concern of electric utilities, as more than 50% of the raw material input is fly ash, the largest coal combustion by-product (CCP).